Version 4
DSM-10.4, DSM-19.4

Television Mirror
USER MANUAL

Model No: _____

Serial No:_____

Thank you for selecting a Séura Television Mirror.

This product has been inspected and packaged carefully before shipment.
Please read this guide before beginning installation.

Please keep this manual for future reference.

Information in this manual is subject to change without prior notice.

FCC Information

This equipment has been tested and found to comply with limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment causes unacceptable interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced Radio/TV technician for additional help.

WARNINGS

To reduce the risk of fire, electrical shock and other injuries, keep these safety precautions in mind when installing, using, and maintaining your TV. The socket-outlet should be installed near the equipment and be easily accessible. The TV should be connected to a grounded main socket outlet.

WARNING: If you manipulate against the recommended usage, serious injury or death to user may result.

To protect against electric shock, do not immerse the power cord, power plug, or product in water or other liquid.

Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.

Close adult supervision is necessary when any product is used by or near children.

Do not operate any product with a damaged cord or plug or operate it after the appliance malfunctions or has been damaged in any manner.

Do not use the product close to any heat sources such as radiators, heat registers, stoves, or other products that produce heat.

Do not let the power cord come in contact with hot surfaces.

If you notice any smoke or scorched smell near the product, unplug power cord and refer to qualified personnel for service and/or repair.

Do not use or place any combustible or flammable substances near the product.

To electrically disconnect the product, turn OFF the product, then remove the electrical power plug from the outlet.

Do not place heavy articles or step on the product.

Do not place the product on an unstable cart, stand, tripod or table.

Do not use this product for other than intended use.

This Séura product is only intended for use indoors.

This product is not waterproof. Do not immerse this product in water and/or expose to dripping or splashing water.

For added safety during a lighting storm, or when this product is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna.

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1 Before Use

1-1 In The Box
1-2 Parts
1-3 Connections
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1-1 In The Box

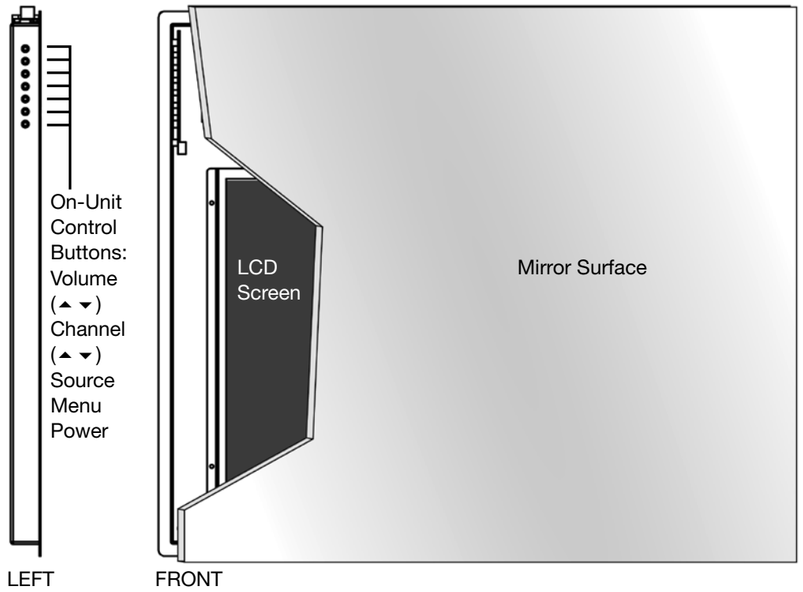
Please make sure the following items are included.

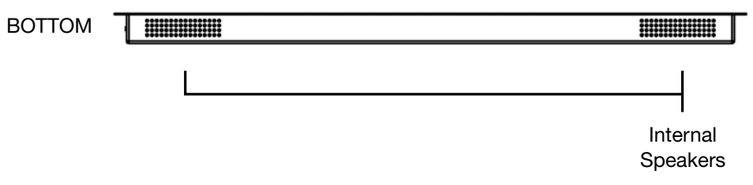
Television Mirror Product
Waterproof Remote Control
Power Cord & Power Adapter
User Manual

RECYCLE

All Séura packaging is 100% recyclable. Please utilize recycling facilities in your area to dispose of all paper and plastic packaging materials.

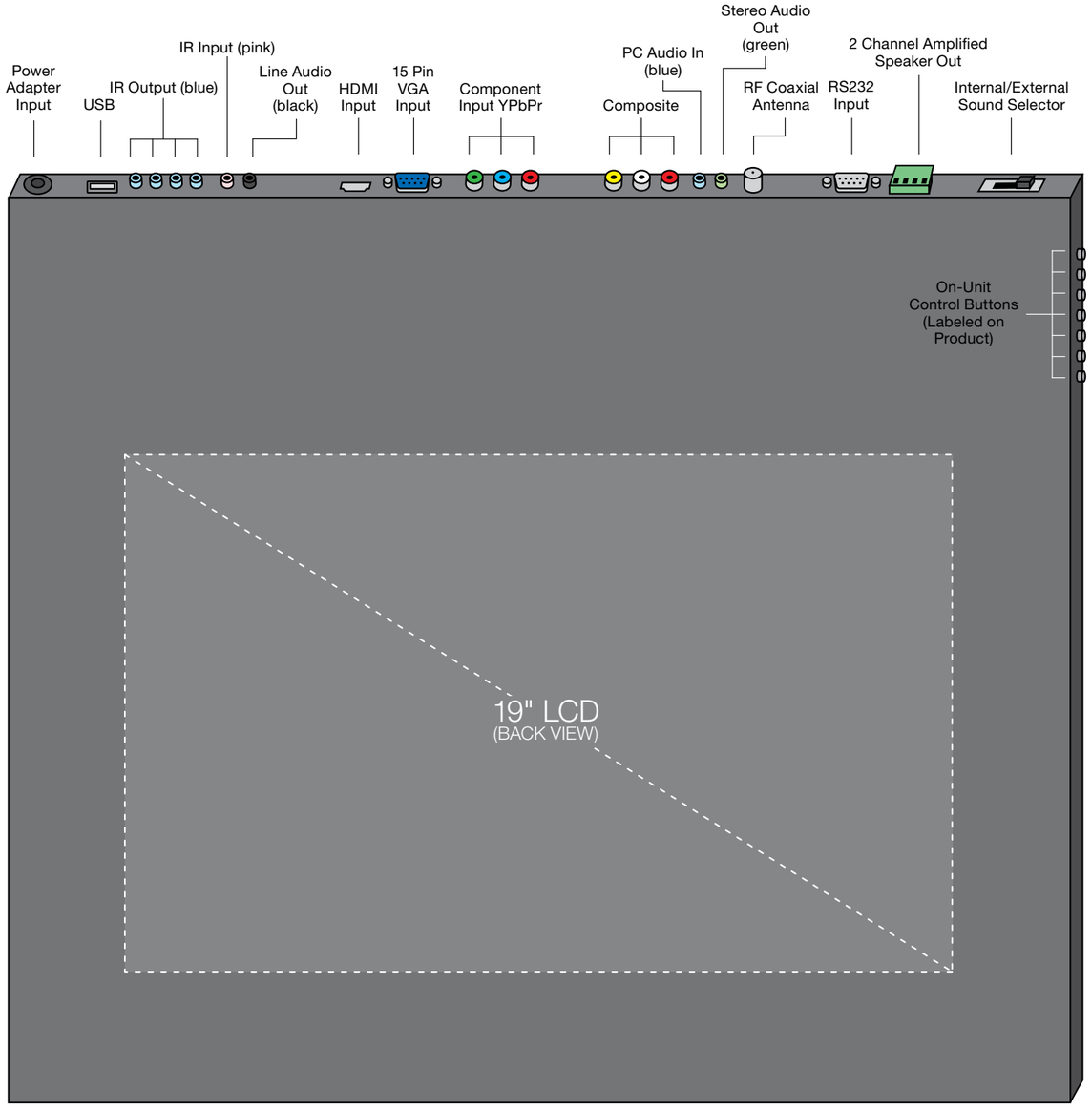
1-2 Parts





1.3 Connections

19" LCD
Back View

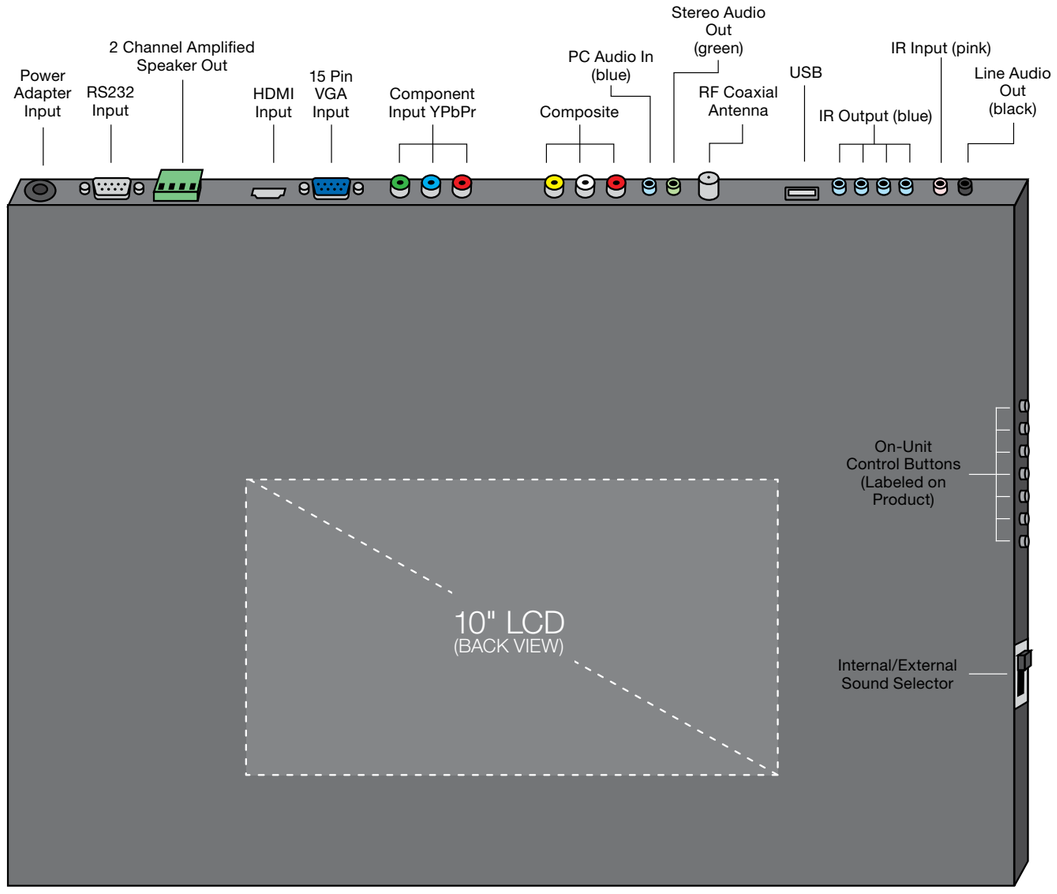


BACK VIEW

For more detailed information, visit page 41

1.3 Connections (cont.)

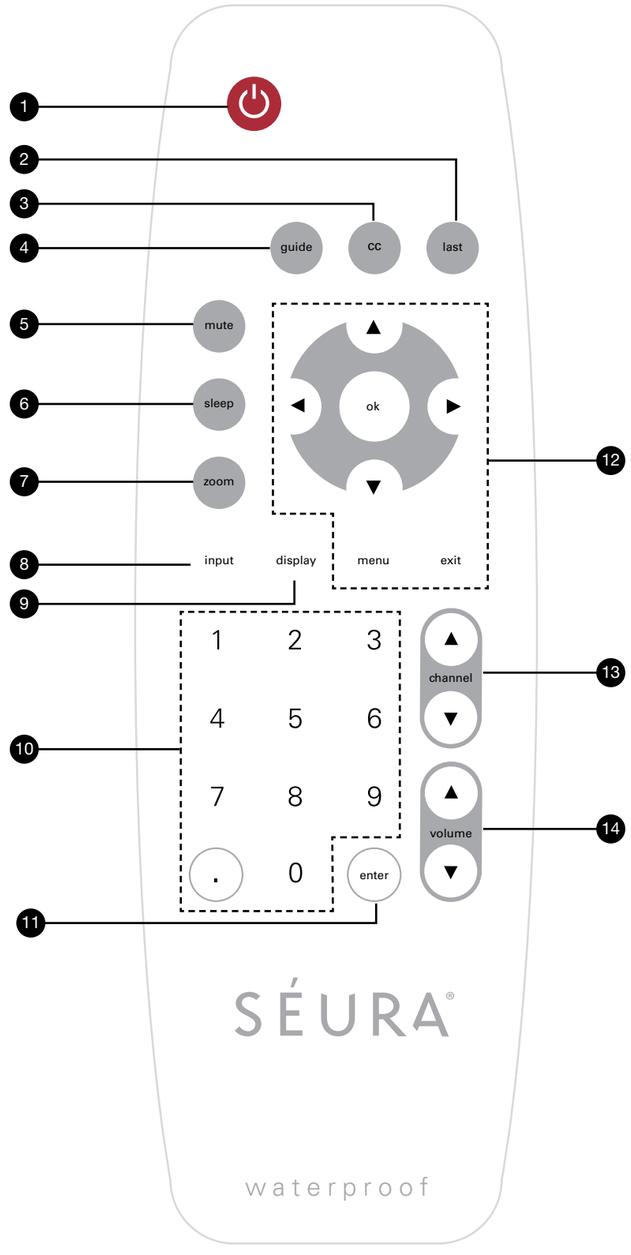
10" LCD
Back View



BACK VIEW

For more detailed information, visit page 41

1-4 Remote Control

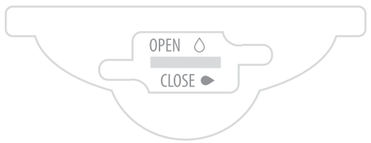


REMOTE FUNCTIONS

1. **Power**
   Turns television mirror on and off
2. **Last**
   Recalls last channel viewed
3. **Closed Caption**
   Turns on/off subtitles
4. **Guide**
   View available electronic program guide
5. **Mute**
   Turns off/on audio
6. **Sleep**
   Activates sleep timer
7. **Zoom**
   Zoom current picture
8. **Input**
   Selection of content input
9. **Display**
   Display current program details
10. **Number Pad**
    Numerical selection for channels and settings
11. **Enter**
    Confirms selection
12. **Menu Controls**
    Allows navigation of main menu settings
13. **Channel**
    Up/Down selection of channels
14. **Volume**
    Up/Down selection of volume

Waterproof remote performs best within 20 ft (6 m) of the LCD and within 30º to the left or right of the display.

1-5 Insert Remote Control Batteries



Remove the battery cover on the bottom of the remote using the tool included or a coin.

Insert 2 AAA batteries.

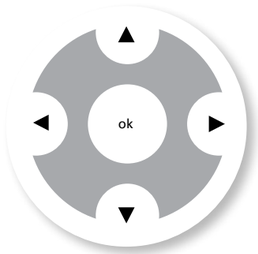
Ensure waterproof ring is securely in place before returning cover.

Return cover and turn to “CLOSE” position.

1-6 Menu Controls on Remote

Functions of the TV set can be controlled by the Menu Control Center on the remote control. Familiarity with these functions will provide ease of operation.

Press MENU button on the remote control to display main menu.



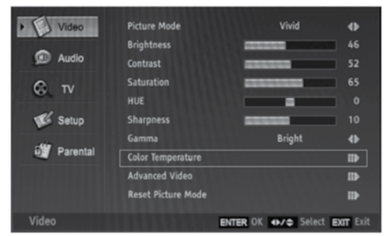
Press menu control arrow buttons to navigate through menus. Use the right arrow (▸) to move to sub menu of a selected main menu.

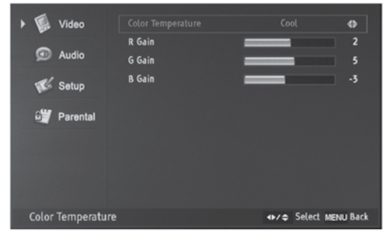
To change a selected menu setting, use Menu control buttons (◂ ▸).

Press EXIT button to return from sub menu to main menu or from main menu to menu removal.

1-7 Menu Configuration

Press MENU to open the menu window. Navigate using ▲ or ▼ to select the desired menu. Press ▸ or OK to enter the menu. Use ▲ or ▼ within the selected menu to navigate to a submenu or setting to adjust. Press ▸ or OK to enter the submenu or use ◂ or ▸ to adjust selected setting. Press EXIT at any time, or wait 10 seconds to exit the menu.





1-8 Basic Operation

Power On / Off

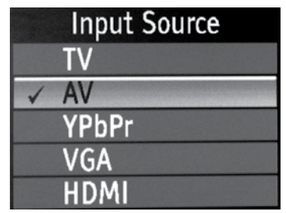
Press the Power / Standby button on the remote control or on the side panel to turn on the unit.

Press Power / Standby button on the remote control or on the side panel again to return the display to standby (off) mode.

Selection of Input Mode

Press the Source button to display the signal source menu.

Press ▲ or ▼ to select the signal source you desire, then press OK to confirm.



2 Installation

2-1 Recommended Location
2-2 Installation Instructions

WARNINGS

Do not handle or remove your television mirror from the packaging until it is ready to be installed.

To avoid damage to the television mirror, only transport it in a vertical position.

It is highly recommended that at least three (3) persons assist in the installation of the television mirror.

Mirror suction cups are not recommended for use in the installation of your television mirror.

Inspect the desired location for installation and be aware of all electrical wiring pathways, water pipes, gas lines, or other potentially hazardous conditions that may exist to protect from accidental damage during creation of on-site conditions.

Ensure all required electrical specifications are adhered to and have been installed by the appropriate individuals and are code approved.

Ensure all framing requirements, if needed have been completed to building code and pose no structural issues.

It is REQUIRED that this product is plugged into an electrical outlet protected by a Ground Fault Circuit Interrupter (GFCI) to protect against electric shock, fire, and/or injury. Failure to do so will void any warranty for this product.

Only qualified individuals should attempt to service the product. Removing covers can expose you to high voltage and other dangerous conditions.

2-1 Recommended Location

The environment in which the television mirror product is installed will affect the product's performance. The key factor to consider for proper installation is surrounding and ambient light. Use the following guidelines to maximize the performance of the SÉURA product:

Type of Lighting: Avoid direct natural sunlight and excessive fluorescent lighting on the television display. These conditions will diminish the television brightness, and hinder its performance.

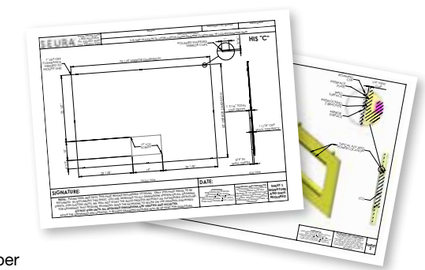
Light Direction: Avoid directing lights toward the mirror. Position lights such that they provide light on the person or object to be reflected, not the mirror itself. For example, lights on the wall next to the mirror are preferred over lights located on the ceiling in the center of the room.

Background Colors: Sidewalls and furnishings that are dark, uniform, and non-reflective will provide for better performance of the television quality. Bright colors, patterns, and contrasting colors will minimize the quality of the display.

2-2 Basic Installation Instructions

NOTE: All SÉURA drawing packages indicate generalized nominal residential wood framing construction, and are not indicative of any particular building code. It is the installers responsibility that all electrical, audio/visual, and framing construction are code compliant to the municipality in which the product is being installed. Modifications made to SÉURA's recommendations are at the sole discretion of the installer and release SÉURA of all liability.

1. **Reference specifications included with your product for instructions designed for your exact mirror size and configuration.**
2. Verify that the wall is built to the provided specifications.
3. Install mounting brackets.
    - Refer to Fastener Packet for detailed mounting instructions.
    - Ensure mounting brackets are securely fastened using wood framing members where possible.
4. Transport product in a vertical position to desired location to avoid product flex or damage.
5. Connect power supplies and audio/video components.
    - It is strongly recommended to test all electrical and electronic devices to verify proper integration and functionality before securely mounting it to the wall.
6. Position television mirror close to wall surface and securely engage mounting brackets.
    - Allow for a 1/4" ventilation gap for proper air flow and heat transfer.
7. Check to ensure the television mirror is fully engaged and secure to the mounting brackets.
8. Reference the appropriate electronics manual for television mirror operating instructions.



3 Connection

3-1 Preparation
3-2 Connecting Power
3-3 Connecting TV Antenna
3-4 Connecting VIDEO
3-5 Connecting HDMI
3-6 Connecting Component Video
3-7 Connecting PC
3-8 Connecting Speaker Output
3-9 RS-232 Control
3-10 Connecting IR Output
3-11 Connecting IR Input

3-1 Preparation

Please read the relevant external equipment operation manual (DVD player, etc.) carefully before making connections.

WARNING

Whenever you connect an external audio or video system to your TV, ensure that all elements are switched off.

3-2 Connecting Power

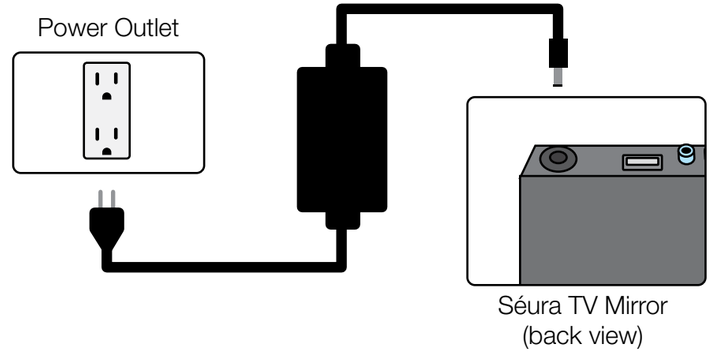
The TV automatically adjusts voltage.

Power cable is USA A-Type 3-conductor, shielded, detachable.

AC Receptacles: 110~240v, x 1, 50/60, GFI circuit.

Before connecting power, please check your power adapter for compatibility with wall outlet.

Power cable should be firmly connected to the power source.



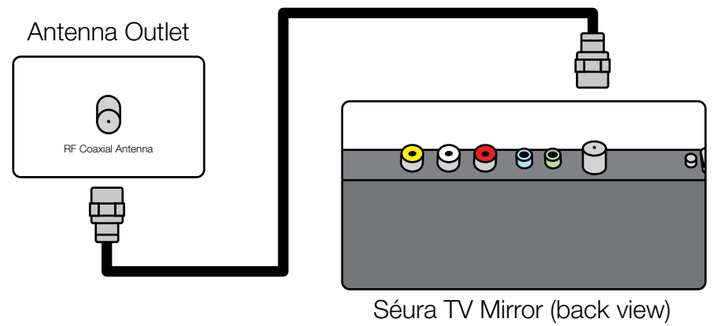
3-3 Connecting TV Antenna

Connect cable to TV Coaxial input connector with an outdoor or wall outlet antenna output.

Turn on the TV after all connections.

Watching Analog TV & Digital TV

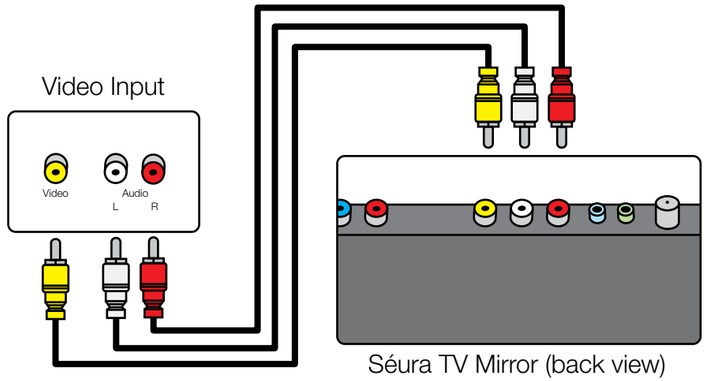
- Analog TV signal has a channel number structure of 1, 2, 3, 4, 5, etc., but Digital TV signal has a channel number structure of 1-1, 2-1, 3-1, 4-1, 5-1, etc.
- If you press TV button on the remote control, its input source changes from Analog to Digital or Digital to Analog.



3-4 Connecting VIDEO

Connect Video/Audio cables to the video ports of the TV and camcorder, gaming consoles, VCR, DVD player or Set-Top box.

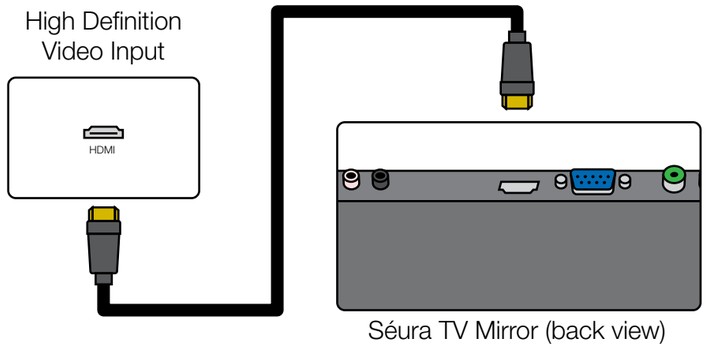
Press INPUT on the remote control and select A/V Video.



3-5 Connecting HDMI

Connect HDMI cable to HDMI port of TV and DVD player, VCR, Set-Top box or camcorder.

Press INPUT on the remote control and select HDMI Video.

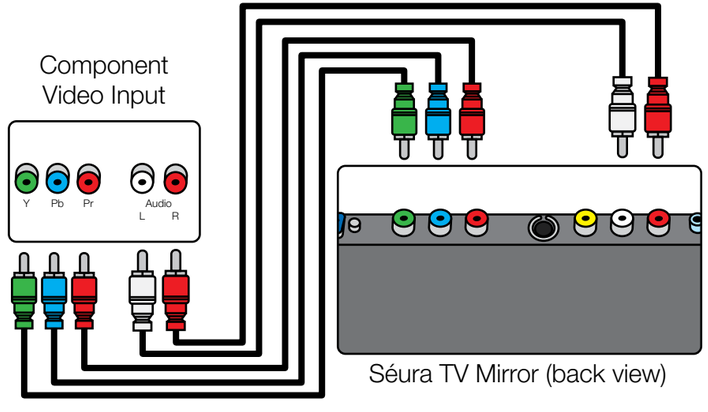


3-6 Connecting Component Video

Connect component cable to component ports of TV and DVD player, VCR, Set-Top box or camcorder.

Connect Audio RCA cables to L/R ports.

Press INPUT on the remote control and select YPbPr Component Video

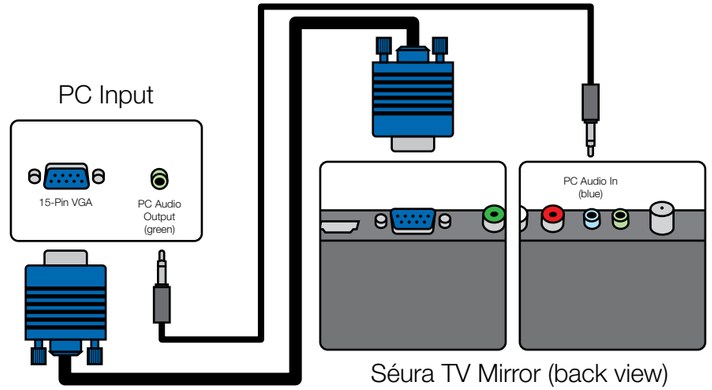


3-7 Connecting PC

Connect 15-pin cable to 15-pin port on the TV and PC.

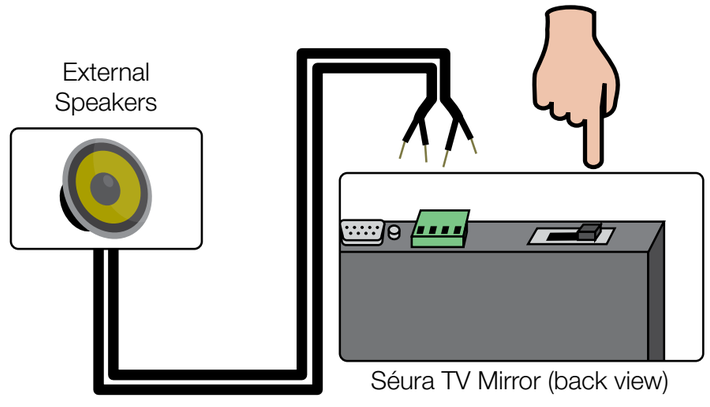
Connect audio cable to audio output of a PC (stereo jack) and PC audio input port of the TV.

Press INPUT on the remote control to select VGA.

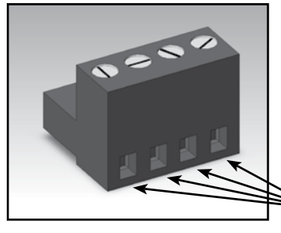


3-8 Connecting Speaker Output

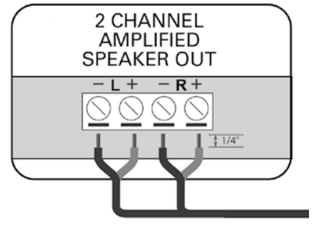
To use external speakers (Variable audio), switch the audio selector located on the LCD unit to Variable. Sound via the audio output terminal can be adjusted with the volume buttons on the remote control. When selected, the Variable option mutes the internal audio system.



DETAIL VIEW



Eurotype Degson Speaker Connector
2-Channel:
- Left channel
- Right channel



Note: When this selector is switched to Fixed, sound is adjusted with the volume buttons on the remote control or the LCD housing. Sound via the audio output terminal is not adjustable, and outputs maintain a constant level.

3-9 RS-232 Control

Settings Tables

Current Models: Storm 42.1, Storm 47.1, Storm 55.1
Legacy Models: 10.1, 10.2, 19.1, 19.2, & 19.3 TV Mirrors, 19.3 Hydra

Baud Rate	9600 bps
Data Length	8 bits
Parity Bit	None
Stop Bit	1 bit
Flow Control	None

Current Models: 19.4 Hydra, 10.4 TV Mirror, 19.4 TV Mirror
Legacy Model: 10.3 TV Mirror

Baud Rate	115200 bps
Data Length	8 bits
Parity Bit	None
Stop Bit	1 bit
Flow Control	None

Command Table

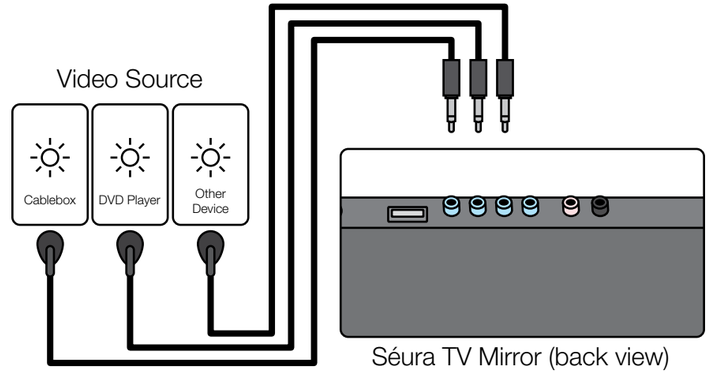
	1	2	3	4	5	6	7	8	
Power									
	P	O	W	R	0				Power Off (sends TV into Standby)
	P	O	W	R	1				Power On
	R	S	P	W	0				obsolete
	R	S	P	W	1				obsolete
Input									
	I	T	G	D	X				toggle the input source
	I	T	V	D	0				set the input source to TV, channel is set to the last channel tuned
	I	A	V	D	1				sets the input source to AV (composite video)
	I	A	V	D	2				sets the input source to S-Video (if equipped), HDMI 1 (Storm)
	I	A	V	D	3				sets the input source to Component Video (if equipped), USB (Storm)
	I	A	V	D	4				sets the input source to VGA (PC Input)
	I	A	V	D	5				sets the input source to HDMI, or HDMI2 (Storm)
Volume									
	V	O	L	M					sets the volume level
									*shaded characters may be any number from 0 to 99
Zoom									
	W	I	D	E	1				toggles the view mode
	W	I	D	E	2				sets the view mode to side bar (AV input with 4:3 signal)
	W	I	D	E	3				sets the view mode to zoom (AV input with 4:3 signal)
	W	I	D	E	4				sets the view mode to stretch (AV input with 4:3 signal)
	W	I	D	E	5				sets the view mode to normal (PC input)
	W	I	D	E	6				sets the view mode to zoom (PC input)
	W	I	D	E	7				sets the view mode to stretch (PC input)
	W	I	D	E	8				sets the view mode to dot-by-dot
	W	I	D	E	9				sets the view mode to full screen
Mute									
	M	U	T	E	1				mutes the audio
	M	U	T	E	0				turns off mute
Sleep Timer									
	O	F	T	M	0				disables the sleep timer
	O	F	T	M	1				TV turns off in 30 minutes
	O	F	T	M	2				TV turns off in 60 minutes
	O	F	T	M	3				TV turns off in 90 minutes
	O	F	T	M	4				TV turns off in 120 minutes
Channel									
	D	A	2	P					sets ATSC tuner to a specific over the air channel, XX-YY or XX.YY is entered as XXYY
	D	C	2	U					sets cable tuner to a channel
	C	H	U	P	X				channel up
	C	H	D	W	X				channel down

3-10 Connecting IR Output

Using the IR (infrared) Output terminals on the LCD, you can operate components of your audio video system that are not in the line of sight of the remote control, such as a DVD player or Cablebox.

The IR sensor on the LCD will receive IR commands from a remote and distribute them to the 3.5mm IR Output terminals located on the LCD. For most devices, use an IR emitter with a 3.5mm mono plug. Attach the IR emitter side to the IR receiver of the device to be controlled and attach the 3.5mm mono plug to the LCD.

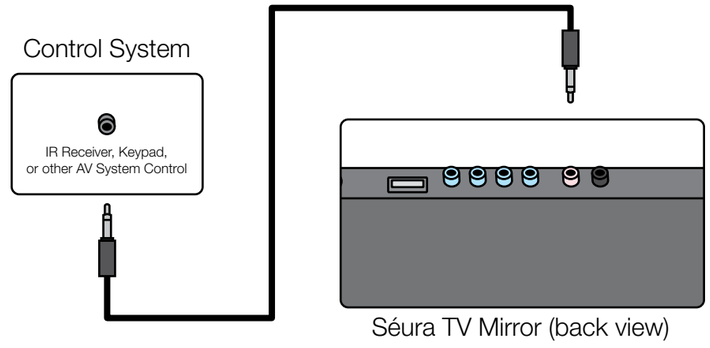
Alternately, if the device being controlled has 3.5mm IR input, simply use a male-to-male 3.5mm mono plug to connect the LCD and device.



3-11 Connecting IR Input

Using the IR (infrared) Input terminal on the LCD, you can control the LCD using IR commands sent from a keypad, IR Receiver, or other AV Control System. Attach a 3.5mm mono plug into the LCD and use the discrete IR codes provided at

www.seura.com/IRCodes.doc



3-11 IR Input (cont.)

Remote Hexadecimal Codes

Power Toggle
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06A0

Menu
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0768 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 0048 000A 0048 000A 0048 000A 001F 000A 0048 000A 0654

Source
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 06C8 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06F2

Display
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 06D4 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06C7

Exit
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0685 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 071A

Up
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 06C8 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06F6

Down
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06A4

Left
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 001F 000A 0048 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06A4

Right
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 06A0 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 071B

Enter
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 0047 000A 001F 000A 0048 000A 0048 000A 0047 000A 0048 000A 0048 000A 001F 000A 0678 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 074E

Sleep
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 06FC 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 059B

Zoom
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0048 000A 0048 000A 001F 000A 0740 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 0048 000A 0047 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0048 000A 068B

EPG
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 06C8 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06EE

Mute
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 06D4 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06C9

ch+
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 067E

ch-
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 0048 000A 0048 000A 001F 000A 0047 000A 0683

vol+
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F

Adjustment of “Brightness” or “Contrast”

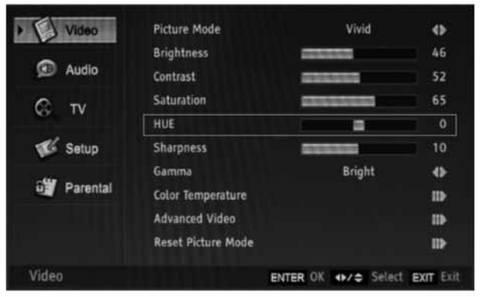
1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ◂ or ▸ to adjust
5) Press MENU or EXIT to return or exit menu mode

Adjustment of “Saturation” (inactive for VGA)

1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ◂ or ▸ to adjust
5) Press MENU or EXIT to return or exit menu mode

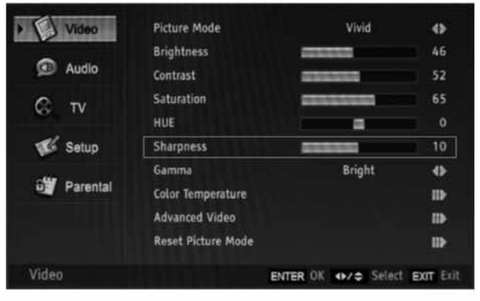
Adjustment of “Hue” (only for NTSC)

1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ◂ or ▸ to adjust
5) Press MENU or EXIT to return or exit menu mode



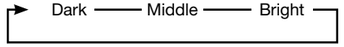
Adjustment of “Sharpness” (inactive for VGA)

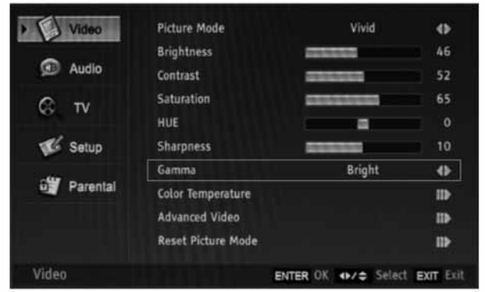
1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ◂ or ▸ to adjust
5) Press MENU or EXIT to return or exit menu mode



Selection of “Gamma”

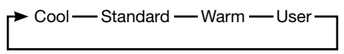
1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
5) Press ◂ or ▸ button to select one of “Bright”, “Dark”, or “Middle”





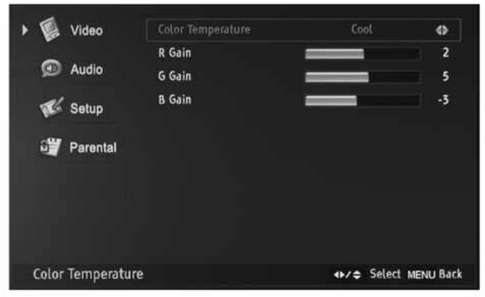
Selection of “Color Temperature”

1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ▸ or OK to enter the sub-menu
5) Press ◂ or ▸ button to select one of “Cool”, “Standard”, “Warm” or “User” for balance of whitening



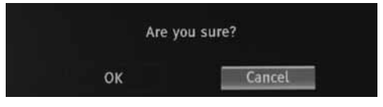
6) Press MENU or EXIT to return or exit menu mode

If you adjust one item of “R Gain”, “G Gain”, or “B Gain”, the color temperature will change to “User” automatically.



Reset Picture Mode

1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ▸ or OK to enter the sub-menu



5) Press ▸ or OK to confirm or cancel

Selection of “Advanced Video”
(Inactive for VGA)

1) Press MENU for the “Video” menu to appear
2) Press ▸ or OK to select the “Video” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ▸ or OK to enter the sub-menu

5) Press ▲ or ▼ to highlight your selection
4) Press ◂ or ▸ to select
5) Press MENU or EXIT to return or exit menu mode

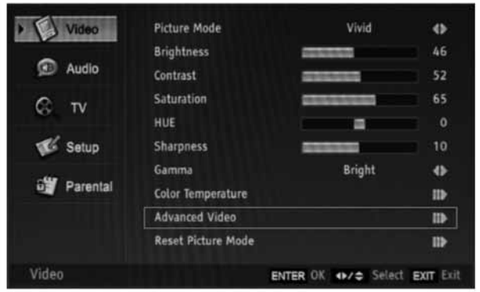


Table of Video Adjustment Settings

Item	Status	Description
Backlight	0-100	Adjusts the level of light output by the LCD Back Light
DNR	Off, Low, Medium, Strong	Selecting to control the sharpness and noise reduction
MPEG NR	Low, Medium, Strong	Reduces noise and artifacts in lower resolution content
Adaptive Luma Control	On, Off	Select to control the luminance. This feature will set the brightness and contrast levels for optimum performance
Flesh Tone	On, Off	Select “On” to color correct flesh tones automatically
DI Film Mode	Auto, Off	Turn off to deactivate DI Film Mode
Blue Stretch	Off, On	Turn on to activate blue stretch
Game Mode	Off, On	Optimized for video gaming
Blue Mute	Off, On	When no input is provided, select “Off” to change typical blue screen to black

Selection of “VGA” (only for VGA)

1) Press MENU for the “Video” menu to appear.
2) Press ▸ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ▸ or OK to enter the sub-menu.

Selection of “Auto Adjust”
After entering the “VGA” menu

1) Press ▲ or ▼ to highlight your selection.
2) Press ▸ or OK button to confirm.
3) Press the MENU button to return or exit.
Note: This item will auto-adjust the picture display.

Selection of “H.Position”, “V.Position”, “Phase”, “Clock”
After entering the “VGA” menu

1) Press ▲ or ▼ to highlight your selection.
2) Press ▸ or OK button to confirm.
3) Press the MENU button to return or exit.

Table of Display Adjustment Settings

Item	Description
H. Position	Use ▲ or ▼ to select “H. Position” Use ◂ or ▸ to move the image left or right
V. Position	Use ▲ or ▼ to select “V. Position” Use ◂ or ▸ to move the image up or down
Phase	Use ▲ or ▼ to select “Phase” Use ◂ or ▸ to adjust
Clock	Use ▲ or ▼ to select “Clock” Use ◂ or ▸ to adjust

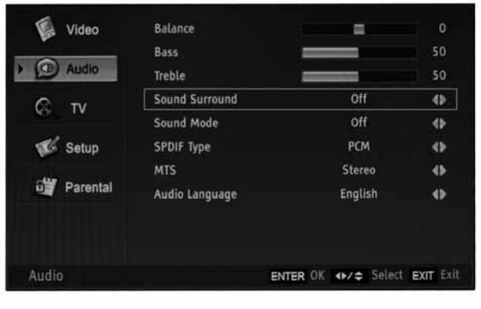
4-3 Audio Menu

Adjustment of “Balance”, “Bass” or “Treble”

1) Press MENU, then press ▼ for the “Audio” menu to appear.
2) Press ▶ or OK to select the “Audio” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ to adjust.
5) Press MENU or EXIT to return or exit menu mode

Selection of “Sound Surround”

1) Press MENU for the “Video” menu to appear.
2) Press ▶ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ to adjust.
5) Press MENU or EXIT to return or exit menu mode



Selection of “Sound Mode”

1) Press MENU for the “Video” menu to appear.
2) Press ▶ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ button to select

Off → Rock → Pop → Live → Techno → Dance → Soft → Classic →

5) Press MENU or EXIT to return or exit menu mode

Selection of “SPDIF Type”

1) Press MENU for the “Video” menu to appear.
2) Press ▶ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ to adjust.
5) Press MENU or EXIT to return or exit menu mode

Selection of “MTS”

1) Press MENU for the “Video” menu to appear.
2) Press ▶ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ to adjust.
5) Press MENU or EXIT to return or exit menu mode

Selection of “Audio Language”

1) Press MENU for the “Video” menu to appear.
2) Press ▶ or OK to select the “Video” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ button to select one of “English”, “Español”, or “Français”

English → Español → Français →

5) Press MENU or EXIT to return or exit menu mode

4-4 TV Menu

Specifying “Tuner Mode”

1) Press MENU, then press ▼ until the “TV” menu appears
2) Press ▶ or OK to select the “TV” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ◀ or ▶ to select “Cable” or “Antenna”
5) Press MENU or EXIT to return or exit menu mode

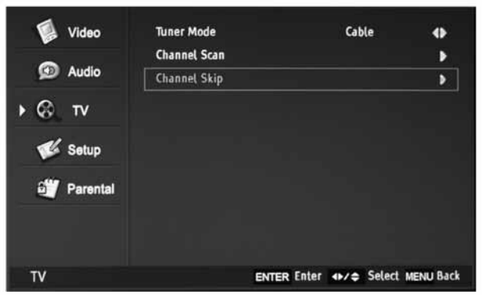
Using the “Channel Scan”

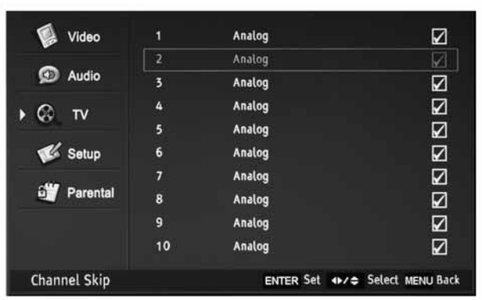
1) Press MENU, then press ▼ until the “TV” menu appears
2) Press ▶ or OK to enter the “TV” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ▶ or OK to start searching
   The channels that are found will save automatically
5) If you want to stop searching, press MENU or EXIT to return or exit menu mode

Note:
- Locked channels will be skipped during the search.
- Selection of Tuner Modes Cable or Antenna will affect the channel search.
  When in Cable mode, the searched channels are “1 - 135”.
  When in Antenna mode, it will search “2 - 69”.

Using the “Channel Skip”

1) Press MENU, then press ▼ until the “TV” menu appears
2) Press ▶ or OK to enter the “TV” menu
3) Press ▲ or ▼ to highlight your selection
4) Press ▶ or OK to enter the sub-menu
5) Press ▲ or ▼ to choose an item, then press OK to confirm or cancel your selection
6) When you select “☑“, the TV will automatically skip the channel
7) Press MENU or EXIT to return or exit menu mode

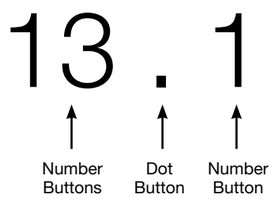




4-4 TV Menu (cont.)

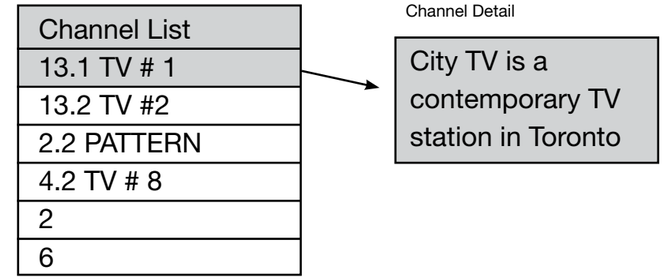
Selecting Channel

1) Press the channel control buttons (V Λ) button to search the channels — the channel number will increase or decrease, excluding skipped channels.
2) Press numbered buttons 0~9 to select the channel you want. If the channel number is bigger than 9, press the two number buttons successively. If the channel number is bigger than 100, press the three number buttons successively. You have two seconds to select your channel, after this the TV will go back to your last channel displayed. When in DTV mode, the operation is shown as below



Note: If you select a channel higher than those already in memory, the TV will display the last channel selected.

- Press ▲ or ▼ to select the channel number, and then press the Enter button to play that channel content. (Press V Λ buttons to select the Channel.)
- Press the Enter button again to display the Channel detail and then again to exit channel detail.



Using the Guide (Electronic Program Guide)

Your TV has an “Electronic Program Guide” to help you navigate through all the television shows. The Guide menu supplies information, such as program lists, and the start and end times of available channels. In addition, detailed information about the program is often available in the Guide. (The availability and the amount of program details will vary depending on the broadcaster.)

1) Press the EPG button to display the Guide menu.
2) Press ▶ or ◀ to select the channel number.
3) Press ▲ or ▼ to select the channel program.
4) Press MENU or EXIT to return or exit menu mode

Wednesday, 1-February-2012 10:11:31 AM
5
5-1 WFRV-HD
6
Today 10:00 AM Divine Design with Candice Olson
Today 11:00 AM Candice Tells All
Today 12:00 PM Candice Tells All
Today 1:00 PM Bath Crashers with Matt Muenster
Today 1:30 PM Divine Design with Candice Olson
10:00 AM - 11:00 AM Wed, 1-Feb
TV-PG
(No program details.)

4-5 Setup Menu

Selection of “OSD Language”

1) Press MENU, then press ▼ until the “Setup” menu appears.
2) Press ▶ or OK to select the “Setup” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ◀ or ▶ to select “English”, “Español” or “Français”.

English —— Español —— Français

5) Press MENU or EXIT to return or exit menu mode

Using the “Time Setup” menu

1) Press MENU, then press ▼ until the “Setup” menu appears.
2) Press ▶ or OK to select the “Setup” menu.
3) Press ▲ or ▼ to highlight your selection.
4) Press ▶ or OK to enter the sub-menu.
5) Press ◀ or ▶ to choose “Time Zone”, “Time” or “Sleep Timer”.

Time Zone —— Time —— Sleep Timer

6) Press MENU or EXIT to return or exit menu mode

4-5 Setup Menu (cont.)

Selection of “Time Zone”

After entering the “Time Setup” menu

1) Press ▲ or ▼ to highlight your selection.
2) Press ◀ or ▶ to select “Hawaii”, “Eastern Time”, “Indiana”, “Central Time”, “Mountain Time”, “Arizona”, “Pacific Time” or “Alaska”.

Hawaii —— Eastern Time —— Indiana —— Central Time
Alaska —— Pacific Time —— Arizona —— Mountain Time

3) Press MENU or EXIT to return or exit menu mode

Selection of “Time”

After entering the “Time Setup” menu

1) Press ▲ or ▼ to highlight your selection.
2) Press ▶ or OK to enter the sub-menu.
3) Press MENU or EXIT to return or exit menu mode

After entering the “Time” menu

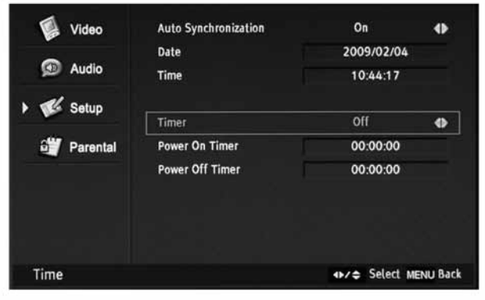
1) Press ▲ or ▼ to highlight your selection.
2) Press ◀ or ▶ button to select.
3) Press numbered buttons to set the “Date”, “Time”, “Power On Timer” or “Power Off Timer”.

Date —— Time —— Power On Timer —— Power Off Timer

4) Press MENU or EXIT to return or exit menu mode

Note:

- Pressing the Standby button to turn off the LCD, the setup time will be retained.
- If the unit is unplugged, or main power is otherwise disrupted, the memory for time will be lost.
- The following items are active only when you select “Off” of “Auto Synchronization” and select “On” of “Timer”.



Selection of “Sleep Timer”

After entering the “Time Setup” menu

1) Press ▲ or ▼ to highlight your selection.

2) Press ◀ or ▶ to select “10”, “20”, “30”, “40”, “50”, “60”, “90”, “120”, “180”, “240”, Minutes or Off”.

3) Press MENU or EXIT to return or exit menu mode

→ 10 —20—30—40—50—60—90—120—180—240—Off —┐
└──┘

To use Closed Caption
(only for TV, AV, S-Video)

1) Press MENU, then press ▼ until the “Setup” menu appears.

2) Press ▶ or OK to select the “Setup” menu.

3) Press ▲ or ▼ to highlight your selection.

4) Press ▶ or OK to enter the sub-menu.

5) Press MENU or EXIT to return or exit menu mode

Selection of “Analog Closed Caption”

After entering the “Caption” menu

1) Press ▲ or ▼ to highlight your selection.

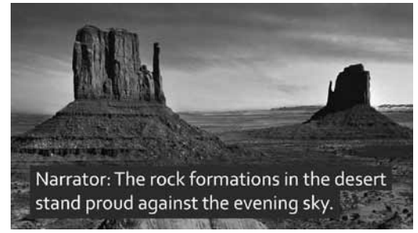
2) Press ◀ or ▶ to select “CC1”, “CC2”, “CC3”, “CC4”, “TEXT 1”, “TEXT 2”, “TEXT 3”, “TEXT 4” or “Off”.

→ CC1 — CC2 — CC3 — CC4 — TEXT 1 — TEXT 2 — TEXT 3 — TEXT 4 — Off —┐
└──┘

3) Press MENU or EXIT to return or exit menu mode

The analog closed caption features have two options

- Captions An on-screen display of the dialogue, narration, and sound effects of the TV programs and videos that are closed captioned (usually marked as “C/C” in TV listings.
- Text An on-screen display of information not related to the current program, such as weather or stock data (when provided by individual stations).
- To view captions, highlight CC1, CC2, CC3, or CC4 (CC1 displays translation of the primary language in your area).



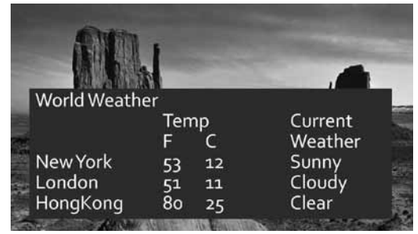
Note: If the program or video you selected is not closed captioned, no captions will display on-screen.

- To view text, highlight Text 1, Text 2, Text 3, or Text 4.

Note: If text is not available in your area, a black rectangle may appear on-screen. If this happens, turn off the Closed Caption feature.

Note: A closed caption signal may not display in the following situations

- when a videotape has been dubbed
- when the signal reception is weak
- when the signal reception is nonstandard



Selection of “Digital Closed Caption”

After entering the “Caption” menu

1) Press ▲ or ▼ to highlight your selection.

2) Press ◀ or ▶ to select “Service 1”, “Service 2”, “Service 3”, “Service 4”, “Service 5”, “Service 6” or “Off”.

→ Service 1 —Service 2 —Service 3 —Service 4 —┐
└— Off —— Service 6 —— Service 5 ——————————┘

3) Press MENU or EXIT to return or exit menu mode

Selection of “Digital Caption Style”

After entering the “Caption” menu

1) Press ▲ or ▼ to highlight your selection.

2) Press ▶ or OK to enter the sub-menu.

3) Press ◀ or ▶ to select “As Broadcaster” or “Custom”. When you select “Custom”, you can use ▲ / ▼ or ◀ / ▶ buttons to highlight and select the option.

4) Press MENU or EXIT to return or exit menu mode

4-5 Setup Menu (cont.)

Font Size	To set the Font Size value from Large, Small and Medium.
Font Color	To set the Font Color value from White, Green, Blue, Red, Cyan, Yellow, Magenta and Black.
Font Opacity	To set the Font Opacity value from Solid, Translucent and Transparent.
Background Color	To set the Background Color value from White, Green, Blue, Red, Cyan, Yellow, Magenta and Black.
Background Opacity	To set the Background Opacity value from Solid, Translucent and Transparent.
Window Color	To set the Window Color value from White, Green, Blue, Red, Cyan, Yellow, Magenta and Black.
Window Opacity	To set the Window Opacity value from Solid, Translucent and Transparent.

To “Reset Default” to the factory settings

1) Press MENU, then press ▼ until the “Setup” menu appears.

2) Press ▶ or OK to select the “Setup” menu.

3) Press ▲ or ▼ to highlight your selection.

4) Press ▶ or OK to open the pop-up menu

5) Press ◀ or ▶ to select “OK” or “Cancel”. OK To reset default. Cancel To return last menu.

6) Press MENU or EXIT to return or exit menu mode

Note: This will only reset the items in the setup menu and does not include the password-protected items.

4-6 Parental Menu

Some programs and movies include signals that classify the content of the program (dialog, language, sex, violence). The “Parental” control feature in this detects these signals and blocks the programs according to your selections. To use this feature, perform the following.

Parental control only available for TV, AV, S-VIDEO sources.

1) Press the Menu button, and then press ▲ or ▼ until the “Parental” menu appears.

2) Press ▶ or OK to enter

3) Use 0~9 buttons input the password, and the Parental Control menu will appear. The “Parental” menu includes “Program Block”, “Change Password” and “Clear All” functions. You can use these functions after entering the correct password.

Entering the password

When the password is already stored

Press the Number buttons (0~9) to enter the 4-digit password used to change channel blocking settings. As you enter your password, each number will appear as a (*).

Note: The default password for the system is “0000”.

If you have forgotten the password, please contact your local service center.

If the password you enter is invalid, the above message will appear.

Using the “Change Password” item

1) After entering the “Parental” menu, press ▲ or ▼ to highlight the “Change Password” item.

2) Press ▶ or OK to confirm.

3) Use 0~9 buttons input your new password in the “New Password” blank.

4) Use 0~9 buttons input your new password again in the “Confirm Password” blank.

5) When this is complete the previous menu will be displayed.

Note: Please operate “Change Password” at the first time use this function.

Using the “Program Block” item

1) After entering the “Parental” menu, press ▲ or ▼ to highlight the “Program Block” item.

2) Press ▶ or OK to enter

3) Press MENU or EXIT to return or exit menu mode

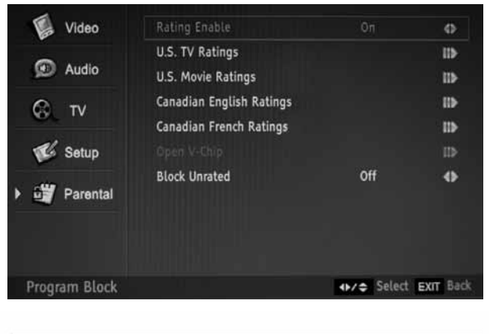
Using the “Rating Enable” item

1) After entering the “Program Block” menu, press ▲ or ▼ to highlight the “Rating Enable” item

2) Press ◀ or ▶ to select “On” or “Off”

On The rating settings are active

Off The rating settings are not active



Using the Ratings items

1) After entering the “Program Block” menu, press ▲ or ▼ to highlight a ratings item (category options are listed on the following page)

2) Press ▶ or OK to enter

3) Press ▲, ▼, ◀, or ▶ to select an item, then press OK to lock (display “🔒”) or unlock (display “■”).

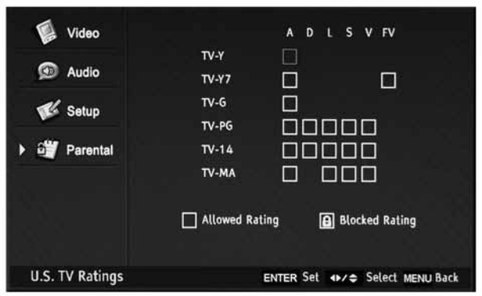
U.S. TV Ratings (including made-for-TV movies)

Children TV Ratings

TV-Y	youth (individual content categories do not apply)
TV-Y7	youth, 7 years and older

General TV Ratings

TV-G	general audience (individual categories do not apply)
TV-PG	parental guidance suggested
TV-14	14 years and older
TV-MA	mature audience



Unlocking programs temporarily

If you try to watch a program that exceeds the restrictions you specified, the system enters program lock mode. You can either unlock the program temporarily by entering your password, or select a non-locked program to watch.

To temporarily unlock the program, press the Number buttons (0 - 9) to enter your 4-digit password.

If the correct code is entered, the program lock mode is released and the normal picture appears.

Using the “Clean All” item

1) After entering the “Parental” menu, press ▲ or ▼ to highlight the “Clean All” item

2) Press ▶ or OK to enter

3) Press MENU or EXIT to return or exit menu mode

Precautions

When changing the audio from internal to external speakers, power-off the unit completely. The LCD unit has a built-in 5-Watt power amplifier. Damage may occur during power-on if a complete power-off has not preceded the change.

5 Specifications

5-1 Specifications

Display Features

	10"	19"
Display technology	LED-LCD	TFT-LCD
Screen Size	10"	19"
Format	16:9	16:9
Brightness	450 cd/m2	450 cd/m2
Viewing Angle	170°	170°
Contrast	1000:1	1000:1
Response Time	8ms or faster	8ms or faster
Native Resolution	1024 x 600	1440 x 900
Menu Languages	English, French, Spanish	English, French, Spanish

Tuner

ATV	NTSC
Digital	ATSC/QAM

Amplified Audio

Output Amplifier Power	5W x 2 Speaker Output
Internal Speakers	5W x 5W Speakers

Connections and Terminals

Listed from left to right as viewed from the back of the product.

Power Adapter Input	Input: 100-240 V AC, 50/60Hz 1.5A, Type A plug Output: 19V, 3.42A Right Angle Plug, 18” Cord
RS232	9-pin DB9 female
Amplified Speaker Output	5w x 2 Degson Terminal Block (green)
HDMI	480i, 480p, 576i, 576p, 720p and 1080i, and 1080p
VGA	15-pin D-sub female
Component Video	Y (green), Pb (blue), and Pr (red)
AV (Composite)	Composite Video (yellow) Audio Left/Mono (white), Audio Right (red)
PC Audio In	3.5mm Audio Input (blue)
Stereo Audio Out	3.5mm Audio Output (green)
RF	75ohms Coaxial Antenna
USB	Universal Serial Bus Connector Port
IR Output	4 – 3.5mm Output (blue)
IR Input	3.5mm Input (pink)
Headphone Output	3.5mm Output (grey)

Optimal Temperature & Humidity

Operating Temperature	-20 - 60˚C
Storage Temperature	-10 - 50˚C
Operating Humidity	10 - 80% RH
Storage Humidity	10 - 90% RH

6 Maintenance

6-1 Mirror Care
6-2 Troubleshooting

6-1 Mirror Care

Our patented mirror technology has been developed to completely protect the mirror surface and allow ease of maintenance for the consumer. Please follow the guidelines listed for proper mirror care and cleaning:

- The glass surface can be cleaned with any conventional non-ammoniated glass cleaner. Care should be taken to use only a soft lint-free cloth. Apply all cleaners directly to the cloth and not the mirror surface. Never saturate the mirror surface as residual cleaner may seep behind the mirror.
- Stubborn spots can be removed with solvents such as mineral spirits, de-natured alcohol, and acetone, Immediately remove solvent and dirt residues per the prescribed methods above with a compatible glass cleaner or water.

6-2 Troubleshooting

Before contacting service personnel, please read the following information. If you still experience problems, contact your local dealer or qualified service personnel.

TV-related Problems

Unclear display or noisy sound
Check whether TV antenna is correctly connected.
Broadcasting may not be good in an area with bad reception or far away from a station/network.

No image
Check whether the power cord is properly connected. And press the power button.

Black background only
Check whether the mode is set as PC monitor input, not TV mode.

Strips and shaking display
It may be interrupted by neighboring radio waves (please check any wireless phone, hair drier, electric drilling machine and etc).
Execute fine tuning for manual adjustment.

Can’t receive a specific channel
Check whether channel setting is normally set.
Try to rotate an antenna’s direction.

Picture plays without sound
Press the MUTE button.
Volume up by using volume control buttons.

PC Monitor-related problems

No image on the monitor
Check whether the D-Sub cable is firmly connected to the TV and a PC.
Check whether a graphic card is correctly inserted into the slot.
Check whether the power of a PC and the TV is on.
Check whether a graphic card or mode is set appropriately on a PC.
Referring to the Standard Signal Mode for PC monitor in the previous chapter, change graphic mode.
Check whether the D-Sub cable pins are not inserted or bent.

No power
Check whether the power cord is normally inserted and reconnect it.
Pull out the power cord from wall outlet and reconnect it in 10~20 minutes.

LED lamp turns off in red and it shows no image
Check whether the graphic cable is connected to theTV and a PC.
Check whether a computer is in power-saving mode and attempt to operate keyboard and mouse.

Unstable or unfocused image or trembling
Check whether the D-Sub cable is connected to the TV and a PC.
If a PC display mode is changed, the screen needs readjusting, so you need to use Auto Adjustment.
Check whether the TV and your graphic card are compatible with each other and whether it is set at an appropriate refresh rate. If letters look distorted, change the refresh rate to 60Hz.

Abnormal image scale
By using vertical/horizontal position in Picture Adjustment Menus, adjust the position.
Try to execute Auto Adjustment function.

Additional Support

Work with your local Séura reseller for additional support and/or product questions.

For support directly from Séura’s customer service or technical support teams, call **toll-free 800-957-3872**. Support teams are available weekdays 8:00am - 4:30 CST.

SÉURA®

800.957.3872

www.seura.com

Séura, Inc.
1230 Ontario Road
Green Bay, WI 54311
800.95.SEURA
t: 920.857.9069
f: 920.857.9490

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